

DATA MANAGEMENT APPLICATION PROGRAMMING INTERFACE SESSION
MANAGEMENT FOR A PARALLEL FILE SYSTEM

ABSTRACT

In a cluster of computing nodes having shared access
5 to one or more volumes of data storage using a parallel
file system, a method for managing the data storage
includes selecting a first one of the nodes to serve as a
session manager node, and selecting a second one of the
nodes to serve as a session node for a data management
10 application. A session of the data management
application is created on the session node by sending a
message from the session node to the session manager
node, causing the session manager node to distribute
information regarding the session among the nodes in the
15 cluster. Responsive to the information distributed by
the session manager node, events are received at the
session node from the nodes in the cluster for processing
by the data management application.